

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Edward G. Combs et al.
Serial No. : 09/902,878 Group Art Unit : 2827
Filed : July 11, 2001 Examiner : A. Chambliss
For : *Enhanced Thermal Dissipation Integrated Circuit Package*

INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§1.56, 1.97 and 1.98. The items listed on Form PTO-1449, a copy of which is enclosed, may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1. ☐ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:

2. ☐ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.
3. ☐ Any copy of the items listed on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in the prior ☐ Continuation, ☐ Divisional or ☐ Continuation-In-Part application under 37 C.F.R. §1.60, U.S. Serial No. _____, filed _____.

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4. ☒ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:

☒ 37 C.F.R. §1.97(b)(1), within three months of the filing date of the above-identified application.

☐ 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application.

☐ 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits.

5. ☐ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a Notice of Allowance (where there has been no prior final action), and is accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below.

6. ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a notice of allowance (where there has been no prior final action):

☐ A check in the amount of \$180.00 is enclosed in payment of the fee.

☐ Charge the fee to Deposit Account No. 13-3250. Order No. 36080-00800. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

7. ☐ A fee is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:

a. one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below; and

b. the attached petition requesting consideration of this Information Disclosure Statement; and

c. the fee due under 37 C.F.R. §1.17(i)(1) which is paid as set forth in paragraph 10 below.

8. ☐ A fee is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statement since it is being filed in compliance with:

a. ☐ 37 C.F.R. §1.313(b)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim

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unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue;

b. ☐ 37 C.F.R. §1.313(b)(5), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue.

c. ☐ The fee due under 37 C.F.R. §1.17(i)(1) is paid as set forth in paragraph 10 below.

9. ☐ I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

☐ I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

10. ☐ A check in the amount of \$180.00 is enclosed in payment of the fee due under 37 C.F.R. §1.17(i).

☐ Charge the fee due under 37 C.F.R. §1.17(i)(1) to Deposit Account No. 13-3250. Order No. ~~36080-00800~~. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

☒ The Assistant Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-3250. Order No. ~~36080-00800~~. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,
MILBANK, TWEED, HADLEY & McCLOY LLP



November 14, 2003

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. 36080-00800	SERIAL NO. 09/902,878
	APPLICANT Edward G. Combs et al.	
	FILING DATE July 11, 2002	GROUP ART UNIT 2827

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,908,075	9/1975	Jackson et al.			
	3,942,245	3/1976	Jackson et al.			
	4,501,960	2/1985	Jouvet et al.			
	4,674,175	6/1987	Stamfli			
	4,701,781	10/1987	Sankhagowit			
	4,975,765	12/1990	Ackermann et al.			
	5,023,202	6/1991	Long et al.			
	5,041,395	8/1991	Steffen			
	5,122,860	6/1992	Kikuchi et al.			
	5,157,475	10/1992	Yamaguchi			
	5,175,612	12/1992	Long et al.			
	5,285,105	2/1994	Cain			
	5,334,857	8/1994	Mennitt et al.			
	5,366,933	11/1994	Golwalkar et al.			
	5,420,460	5/1995	Massingill			
	5,474,957	12/1995	Urushima			
	5,482,736	1/1996	Glenn et al.			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		5,482,898	1/1996	Matts			
		5,556,807	9/1996	Bhattacharayya et al.			
		5,596,231	1/1997	Combs			
		5,596,485	1/1997	Glenn et al.			
		5,672,909	9/1997	Glenn et al.			
		5,796,163	9/1998	Glenn et al.			
		5,867,368	2/1999	Glenn			
		5,886,397	3/1999	Ewer			
		5,894,108	4/1999	Mostafazadeh et al.			
		5,900,676	5/1999	Kweon et al.			
		5,905,304	5/1999	Ewer et al.			
		5,939,784	8/1999	Glenn			
		5,949,655	9/1999	Glenn			
		5,950,074	9/1999	Glenn et al.			
		5,962,810	10/1999	Glenn			
		5,981,314	11/1999	Glenn et al.			
		6,034,429	3/2000	Glenn et al.			
		6,081,029	6/2000	Yamaguchi			
		6,092,281	7/2000	Glenn			
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	6,117,193	9/2000	Glenn				
	6,117,705	9/2000	Glenn et al.				
	6,143,588	11/2000	Glenn				
	6,150,193	11/2000	Glenn				
	6,198,163	3/2001	Crowley et al.				
	6,214,644	4/2001	Glenn				
	6,228,676	5/2001	Glenn et al.				
	6,242,281	6/2001	McLellan et al.				
	6,246,566	6/2001	Glenn				
	6,258,629	7/2001	Niones et al.				
	6,266,197	7/2001	Glenn et al.				
	6,274,927	8/2001	Glenn				
	6,281,241	8/2001	Elsner				
	6,281,568	8/2001	Glenn et al.				
	6,285,075	9/2001	Combs et al.				
	6,291,884	9/2001	Glenn et al.				
	6,294,100	9/2001	Fan et al.				
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		6,294,830	9/2001	Fielstad			
		6,326,678	12/2001	Karnezos et al.			
		6,395,578	5/2002	Shin et al.			
		6,429,048	8/2002	McLellan et al.			
		6,429,508	8/2002	Gang			
		6,444,498	11/2002	Huang et al.			
		6,452,255	9/2002	Bayan et al.			
		6,458,626	10/2002	Huang et al.			
		6,498,099	12/2002	McLellan et al.			
		6,507,102	1/2003	Juskey et al.			
		6,552,417	4/2003	Combs			
		6,556,740	5/2003	Yasunaga et al.			
		2002/0079570	1/2002	Ho et al.			
FOREIGN PATENT DOCUMENTS							
OTHER DOCUMENTS (including author file, data, published papers, etc.)							
		U.S. Patent Application No. 10/062,650 filed January 31, 2002 2001 by McLellan et al.					
		U.S. Patent Application No. 10/062,896 filed January 31, 2002 by Pedron et al.					
		U.S. Patent Application No. 10/104,263 filed March 22, 2002 by Combs et al.					
		U.S. Patent Application No. 10/178,372 filed June 24, 2002 by Pedron et al.					
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